



FEMA

Disclaimer: The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to <http://www.srh.noaa.gov> and click on the "Weather Forecast Offices" tab and click on the map for your area.

FEMA Region 6 Weather Threat Briefing

Tuesday, May 16, 2017
Issued: 0800 CT

Day 1 Weather Hazards: Enhanced risk of severe storms from the E Panhandles through W OK & NW TX this evening into late tonight.

Slight risk of severe storms extends into W-Cntrl TX and Cntrl OK.

Critical Fire weather conditions over S & E NM into far W TX.

Ongoing moderate to major river flooding over NE AR.

National Weather Service

**Southern Region Headquarters
Regional Operations Center
Fort Worth, TX**



**Prepared by: Jennifer McNatt
817-978-1100 x 147**

Key Points



Today

- Enhanced risk of severe storms from the E Panhandles, W OK and into NW TX this evening into late tonight; very large hail, a few tornadoes and damaging winds possible
 - Slight risk of severe storms extends through much of west-central TX into Central OK
- Critical fire weather conditions across S & E NM and far W TX

Wednesday

- Critical fire weather conditions continue over much of NM and W TX

Thursday - Saturday

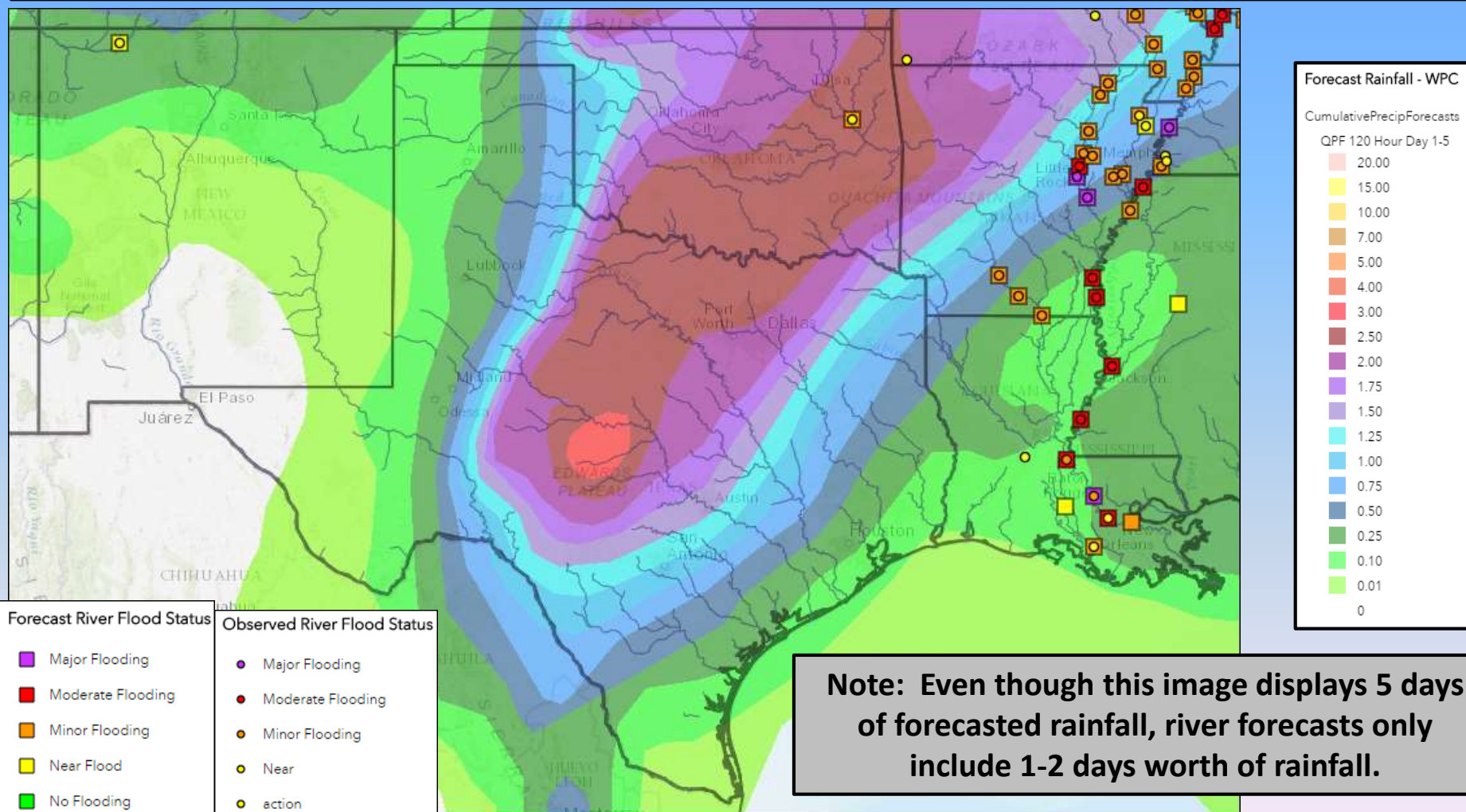
- An active period of weather begins Thursday afternoon; slight risk of severe storms over the E Panhandles into OK and W-Central TX
- Severe storms and possible heavy rain/flooding continues Friday into Saturday over OK, the Eastern half of TX & W AR

River Flooding

- Major flooding will continue on the White River but will be slowly falling
- Minor to moderate flooding is occurring or expected along the MS River over the next week

5-Day Precipitation Forecast & River Flood Status

- Major flooding will continue on the White River in NE AR but will be slowly falling
- Minor to moderate flooding is occurring or expected along the MS River over the next week
- Heavy rain/flooding threat returns to at least OK, W AR & N/Central TX Friday into Saturday



For the latest on river flooding: <http://water.weather.gov/ahps>

*FEMA Region 6 Threat Matrix

May 16, 2017 - May 20, 2017

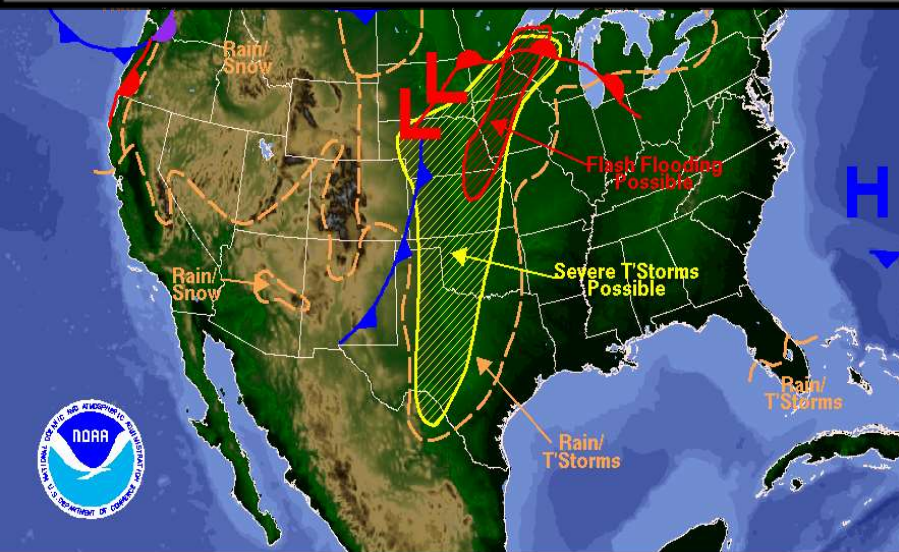
	TUE	WED	THU	FRI	SAT
Severe Weather	E Panhandles, W OK, NW TX		E Panhandles, W & Cntrl OK, W-Cntrl TX	E OK, N-Cntrl TX, NW AR	E OK, S & E TX, AR
	Cntrl OK, W-Cntrl TX				
Heavy Rain / Flash Flooding				Cntrl & E OK, N-Cntrl TX, W AR	AR
Fire Weather	S & E NM, W TX	NM, W TX	S NM, W TX		
River Flooding	NE AR	NE AR	NE AR	NE AR	NE AR
	MS River	MS River	MS River	MS River	MS River

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

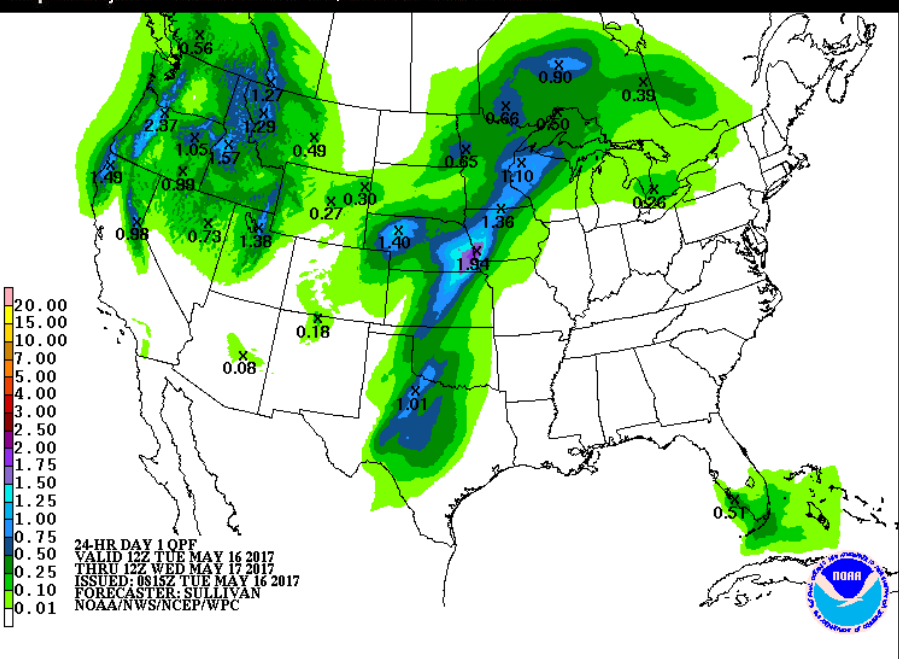
For more details on the colors in the threat matrix refer to the last slide in this briefing.



Today's Weather



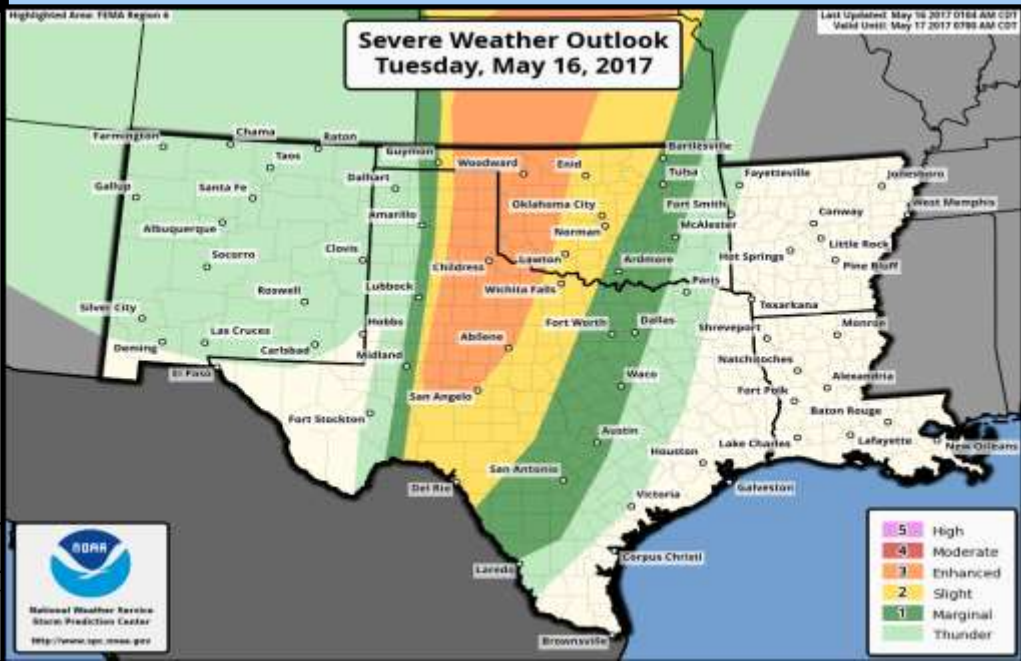
Weather Forecast for Tue, May 16, 2017, issued 4:43 AM EDT
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Reinhart based on WPC, SPC and NHC forecasts



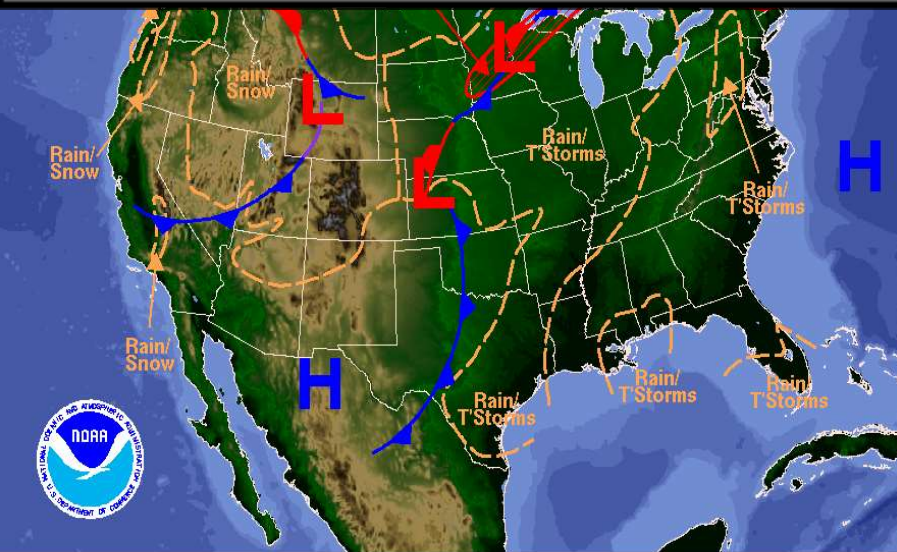
Enhanced risk of severe storms over the E TX Panhandle/W OK through NW TX this evening into late tonight; very large hail, a few tornadoes and damaging winds possible.

Slight risk of severe storms extends through much of west-central TX into Central OK.

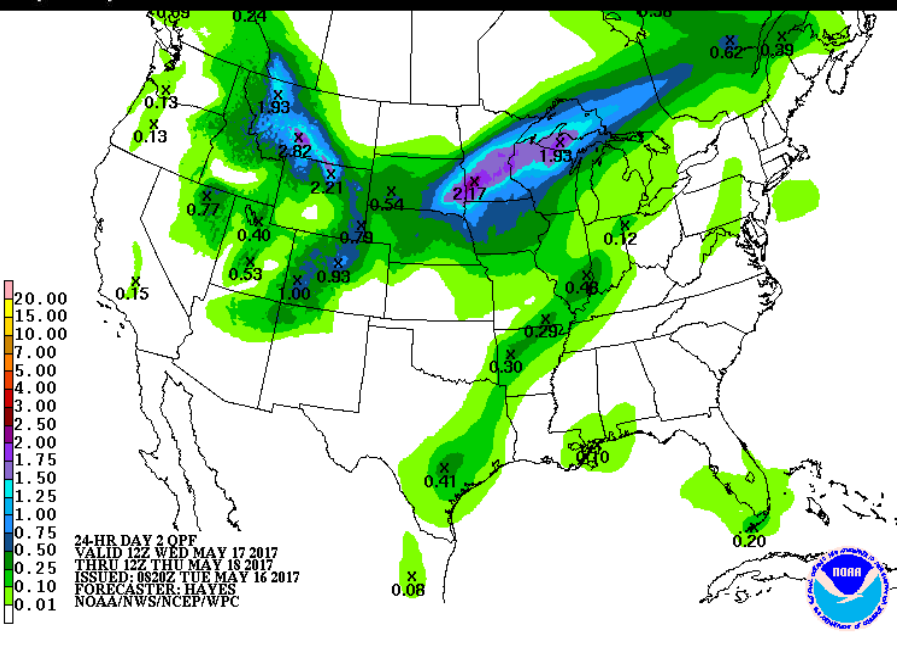
Critical fire weather conditions across S & E NM into far W TX.



Tomorrow's Weather



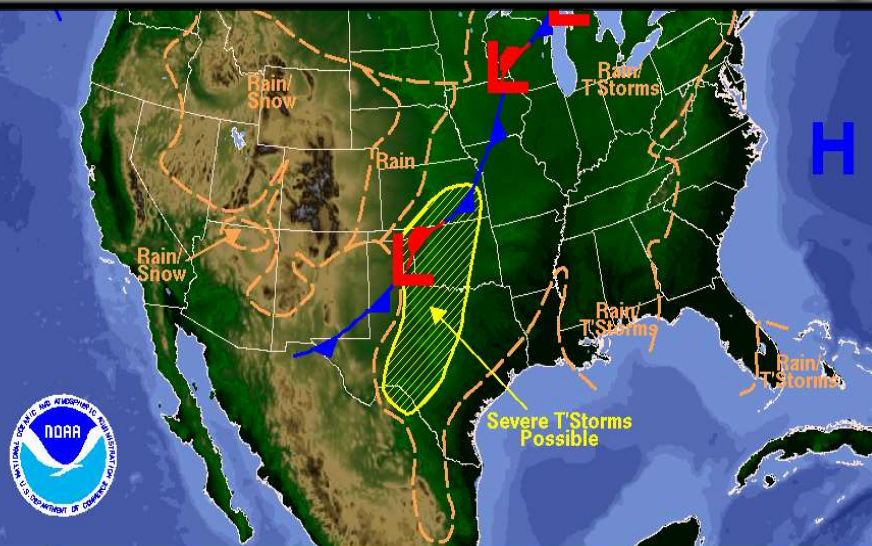
Weather Forecast for Wed, May 17, 2017, issued 4:46 AM EDT Tue, May 16, 2017
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by Reinhart based on WPC, SPC and NHC forecasts



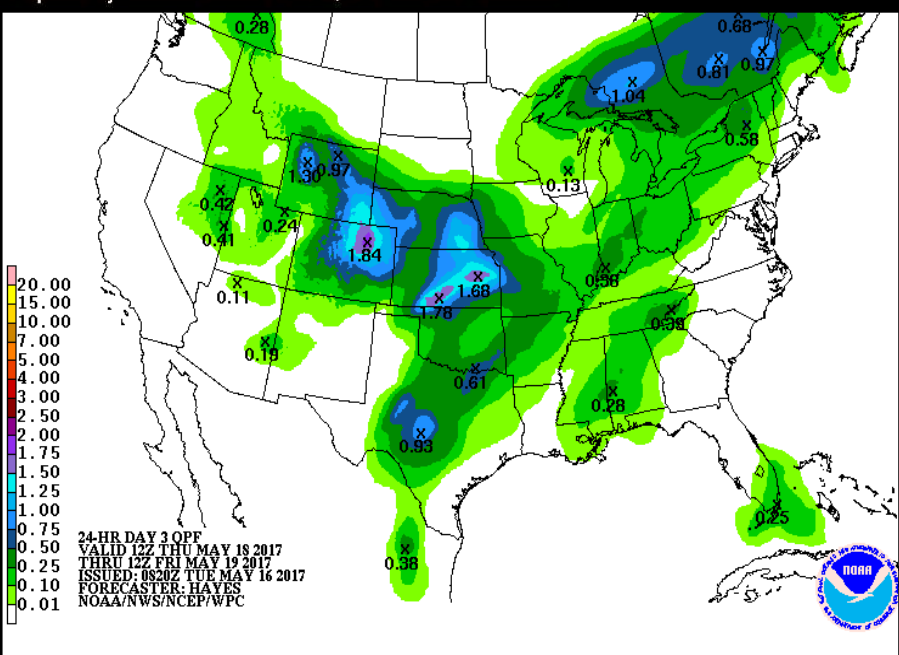
Elevated to critical fire weather conditions
 over much of NM & W TX.



Thursday's Weather



Weather Forecast for Thu, May 18, 2017, issued 4:50 AM EDT Tue, May 16, 2017
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by Reinhart based on WPC, SPC and NHC forecasts



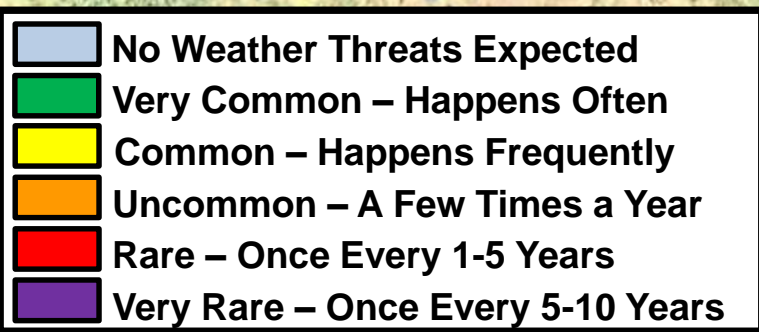
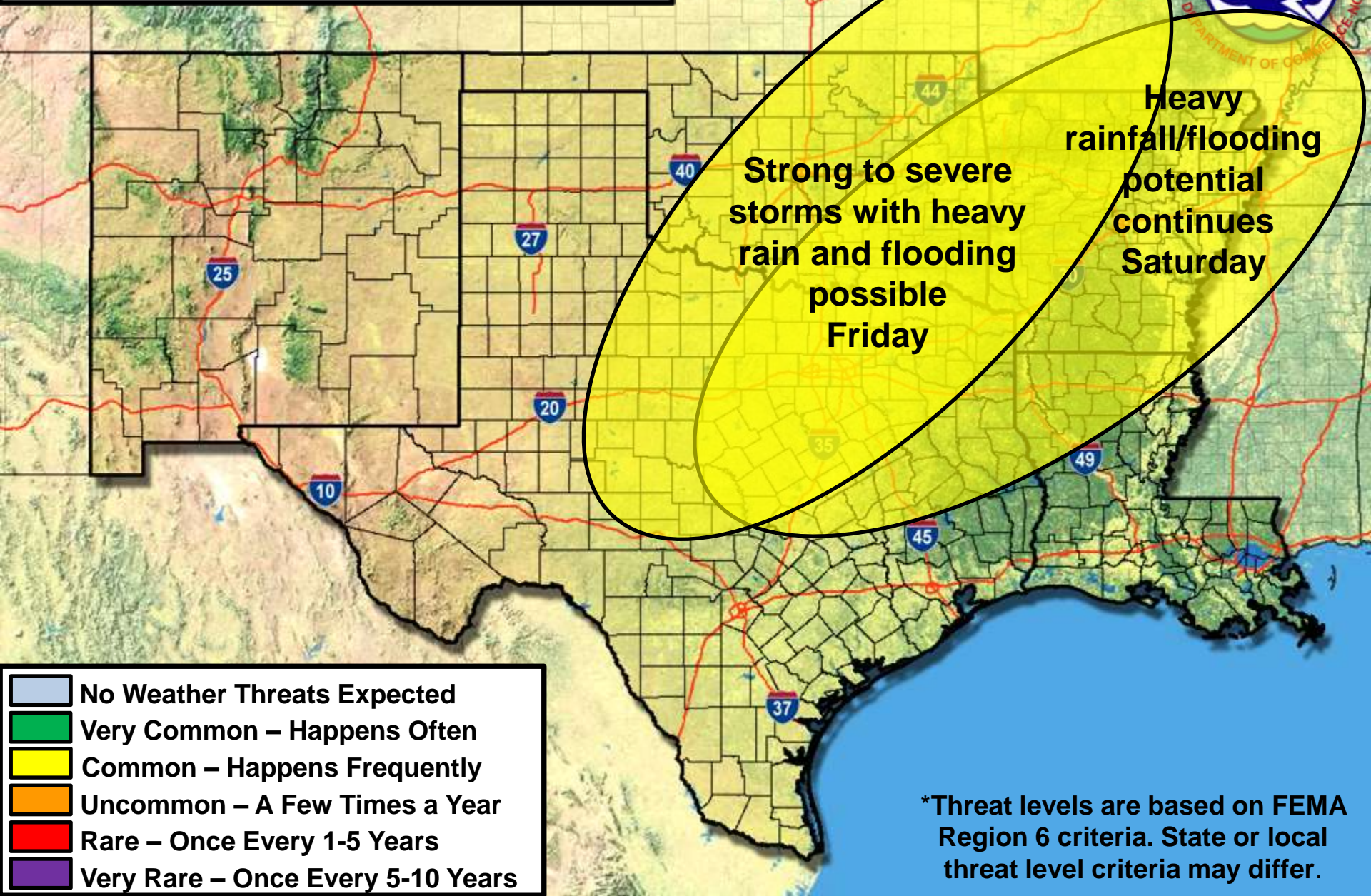
Slight risk of severe storms over much of OK and W-Central TX in the late afternoon through late evening hours; very large hail, damaging winds, and a few tornadoes possible.

Elevated to critical fire weather conditions over SE NM & W TX.



Day 4-5 Weather Hazards

Valid: 0800 Fri - 0800 Sun

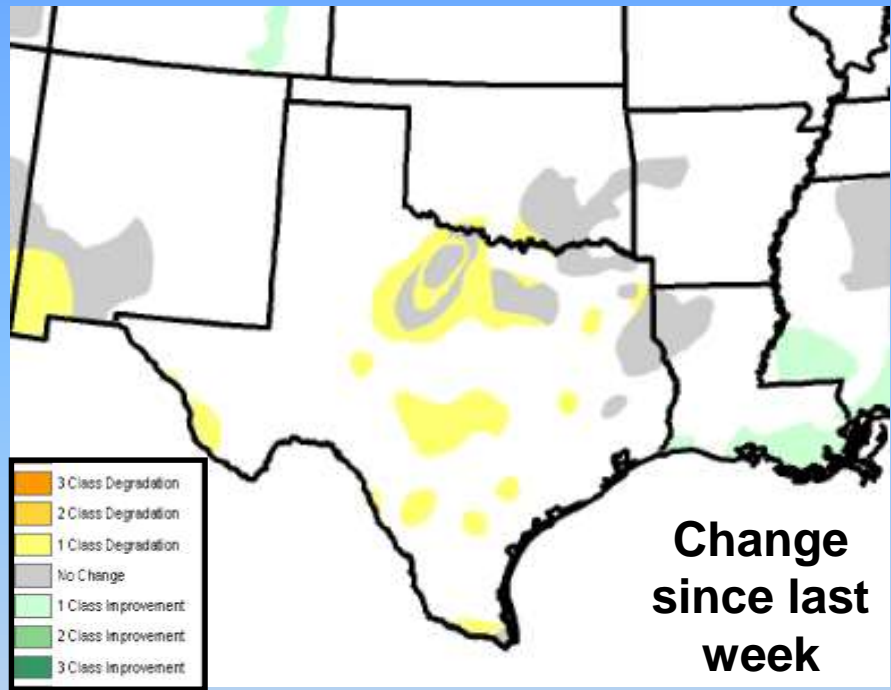
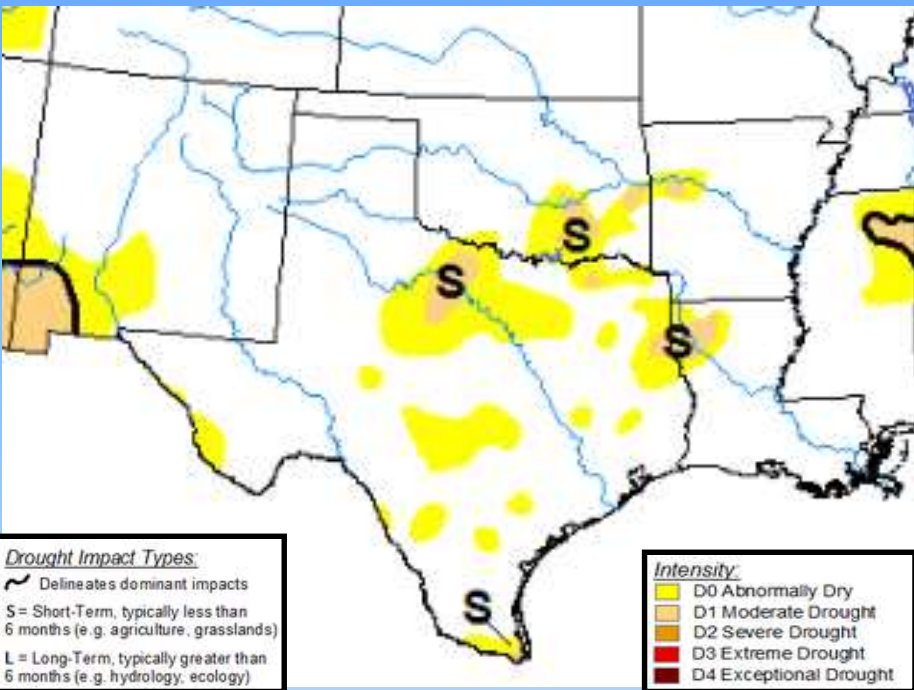


*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.



Drought Monitor Released May 11th, 2017

Data valid as of 7am CST, Tuesday, May 9th, 2017



Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	0.00%	0.00%	4.03%	0.00%
Arkansas	0.00%	0.00%	2.02%	0.00%
Texas	0.00%	0.00%	0.19%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%
New Mexico	0.00%	0.00%	0.00%	0.00%

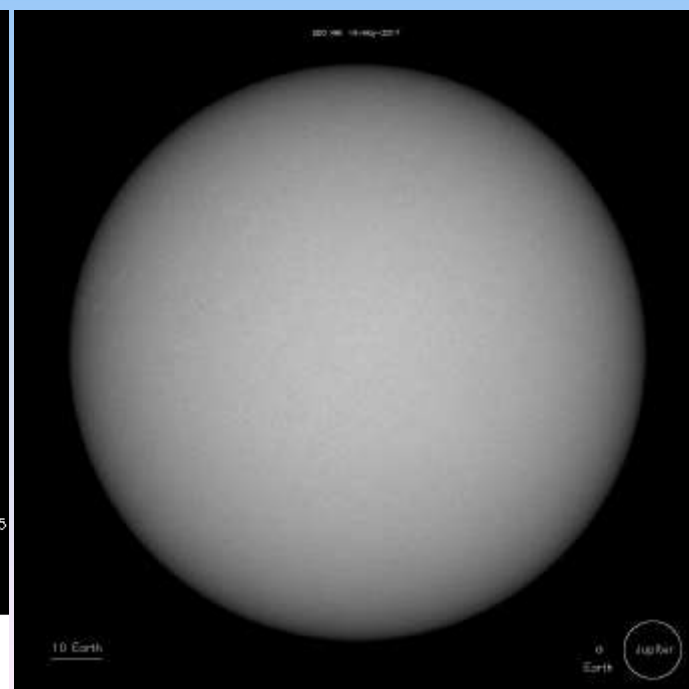
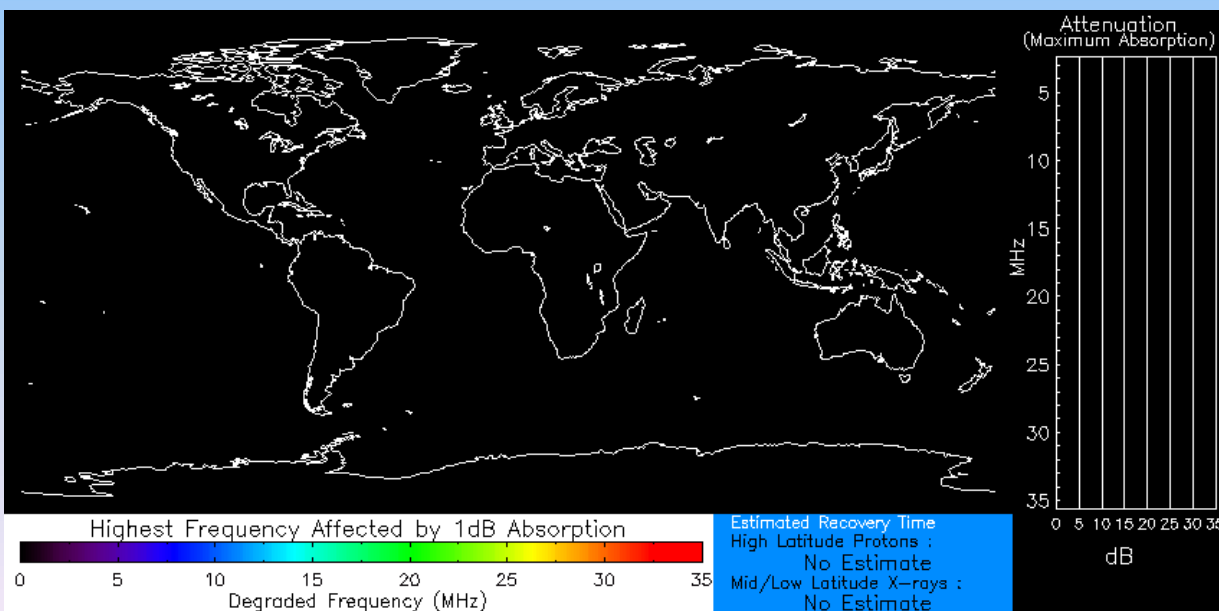
Space Weather 3-Day Forecast



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)

	Tuesday	Wednesday	Thursday
Geomagnetic Storms	Moderate (G2) Storm (Max Kp = 6)	Moderate (G2) Storm (Max Kp = 6)	Active (Max Kp = 4)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



Information provided by:



National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747 ***New Direct Number**
E-mail: sr-srh.roc@noaa.gov
Web: <http://www.weather.gov/srh> (**NEW link!!**)

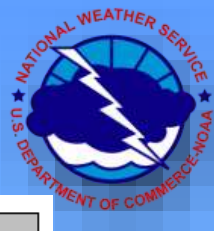
facebook

<https://www.facebook.com/NWSSouthern>

twitter

@NWS_Southern_US https://twitter.com/NWS_Southern_US

The criteria for the color codes in our briefings is below, please provide any feedback to sr-srh.roc@noaa.gov.



Weather "Threat" Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms